

Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

## **Complete if Known**

<b>Application Number</b>	10/534,097
<b>Filing Date</b>	November 8, 2005
<b>First Named Inventor</b>	Stupp
<b>Group Art Unit</b>	1653
<b>Examiner Name</b>	Not Yet Assigned
<b>Attorney Docket Number</b>	126481.01211

Sheet 1 of 2

## **U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code (if known)				
/SL/	AA	US 2003/0176335	A1	Zhang et al.	09-18-2003		
/SL/	AB	US 6,096,863		Fields et al.	08-01-2000		
/SL/	AC	US 5,993,541		Litvin et al.	11-30-1999		

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T
		Office	Number	Kind Code (if known)					
/SL/	BA	WO	2005/003292	A2	Northwestern University	01-13-2005			
/SL/	BB	WO	2003/070749	A2	Northwestern University	08-28-2003			
/SL/	BC	WO	1998/07752	A1	Regents of the Univ. of Minn.	02-26-1998			

## **OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published.	T
/SL/	CA	HARTGERINK et al., Self-Assembly and Mineralization of Peptide-Amphiphile Nanofibers, 2001, Science 294:1684-1688	
	CB	AGGELI et al., Responsive gels formed by the spontaneous self-assembly of peptides into polymeric $\beta$ -sheet tapes, 1997, Nat., 259-262	
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/Samuel Liu/

04/05/2007



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<b>Sheet</b>	2	<b>of</b>	2	<b>Attorney Docket Number</b>	126481.01211
/SL/	CP	MURATA et al., Membrane Fusion Induced by Mutual Interaction of the Two Charge-reversed Amphiphilic Peptides at Neutral pH, 1991, J. Biol. Chem. 266(22):14353-14358			
/SL/	CQ	YAMADA et al., Formation of Helical Super Structure from Single-Walled Bilayers by Amphiphiles with Oligo-L-Glutamic Acid-Head Group, 1984, Chemistry Letters, 10:1713-1716			
<b>Examiner Signature</b>	/Samuel Liu/			<b>Date Considered</b>	04/05/2007

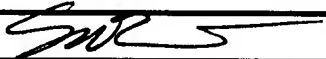
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Sheet		1	of	21	Attorney Docket Number	NANO 106 US2 (NU 22088)
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				First Named Inventor	Samuel I. STUPP et al.	
				Art Unit	1653	
				Examiner Name	Unknown	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
SWL	A1	4554101		11-19-1985	Hopp	
	A2	4930077		05-29-1990	Fan	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
SWL	B1	JP	03099096 A	04-24-1991	Shimizu et al.		
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	B5	WO	00/64481 A1	11-02-2000	Sakiyama et al.		
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Sheet	2	of	21	Attorney Docket Number	NANO 106 US2 (NU 22088)

<b>SWL</b>	B8	WO 01/00650 A1	01-04-2001	Chapman et al.		
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	B10	WO 03/040336 A2	05-15-2003	Fishman et al.		
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	B16	WO 2004/024778 A2	03-25-2004	Stupp et al.		
	B17	WO 2004/046167 A2	06-03-2004	Stupp et al.		
	B18	WO 2004/072104 A2	08-26-2004	Stupp et al.		
	B19	WO 2004/106359 A2	12-09-2004	Stupp et al.		
	B20	WO 2005/056039 A1	06-23-2005	Stupp et al.		
	B21	WO 2005/056576 A2	06-23-2005	Stupp et al.		
<b>SWL</b>	B22	WO 2006/096614 A2	09-14-2006	Stupp et al.		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
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Sheet	3	of	21	Attorney Docket Number	NANO 106 US2 (NU 22088)

1		Neurones Regenerate into PNS Grafts." <i>Nature</i> . Vol. 284, pp. 264-265.
swl	C11	Lim, Franklin and Anthony M. Sun. November 21, 1980. "Microencapsulated Islets as Bioartificial Endocrine Pancreas." <i>Science</i> . Vol. 210, No. 4472, pp. 908-910.
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<i>swl</i>	Cell-Derived Heparan Sulfate Binds Basic Fibroblast Growth Factor and Protects It from Proteolytic Degradation." <i>The Journal of Cell Biology</i> . Vol. 107, pp. 743-751.	
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				Examiner Name	Unknown
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			Examiner Name	Unknown	
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502	<a href="http://www.brynmawr.edu/Acads/Chem/mnerzsto/amino_acids.htm">www.brynmawr.edu/Acads/Chem/mnerzsto/amino_acids.htm</a> , <a href="#">amino_acids_2.gif</a> , and		
	<a href="#">amino_acids3.htm</a> .		

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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